

FILE 'BIOSIS' ENTERED AT 10:01:03 ON 01 FEB 2008  
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FILE 'AGRICOLA' ENTERED AT 10:01:03 ON 01 FEB 2008

=> S FATB OR THIOESTERASE  
L1 1114 FATB OR THIOESTERASE

=> S L1 AND SOYBEAN  
L2 13 L1 AND SOYBEAN

=> D 1-13

L2 ANSWER 1 OF 13 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN  
AN 2008:78417 BIOSIS  
DN PREV200800086300  
TI Laser capture microdissection (LCM) and comparative microarray expression  
analysis of syncytial cells isolated from incompatible and compatible  
soybean (*Glycine max*) roots infected by the soybean cyst  
nematode (*Heterodera glycines*).  
AU Klink, Vincent P. [Reprint Author]; Overall, Christopher C.; Alkharouf,  
Nadim W.; MacDonald, Margaret H.; Matthews, Benjamin F.  
CS USDA, Soybean Genom and Improvement Lab, Bldg 006 Rm 118,10300 Baltimore  
Ave, Beltsville, MD 20705 USA  
heartwood27@hotmail.com; matthewb@ba.ars.usda.gov  
SO Planta (Berlin), (NOV 2007) Vol. 226, No. 6, pp. 1389-1409.  
CODEN: PLANAB. ISSN: 0032-0935.  
DT Article  
LA English  
ED Entered STN: 23 Jan 2008  
Last Updated on STN: 23 Jan 2008

L2 ANSWER 2 OF 13 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN  
AN 2007:516912 BIOSIS  
DN PREV200700515114  
TI Effect of temperature on delta-9 stearoyl-ACP and microsomal omega-6  
desaturase gene expression and fatty acid content in developing  
soybean seeds.  
AU Byfield, Grace E.; Upchurch, Robert G. [Reprint Author]  
CS N Carolina State Univ, USDA ARS, Soybean and Nitrogen Fixat Unit, Raleigh,  
NC 27695 USA  
greg\_upchurch@ncsu.edu  
SO Crop Science, (JUL-AUG 2007) Vol. 47, No. 4, pp. 1698-1704.  
CODEN: CRPSAY. ISSN: 0011-183X.  
DT Article  
LA English  
ED Entered STN: 3 Oct 2007  
Last Updated on STN: 3 Oct 2007

L2 ANSWER 3 OF 13 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN  
AN 2007:218891 BIOSIS  
DN PREV200700214411  
TI Molecular analysis of soybean lines with low palmitic acid  
content in the seed oil.  
AU Cardinal, Andrea J. [Reprint Author]; Burton, Joseph W.; Camacho-Roger,  
Ana Maria; Yang, Ji H.; Wilson, Richard F.; Dewey, Ralph E.  
CS N Carolina State Univ, Dept Crop Sci, Raleigh, NC 27695 USA  
andrea\_cardinal@ncsu.edu  
SO Crop Science, (JAN-FEB 2007) Vol. 47, No. 1, pp. 304-310.  
CODEN: CRPSAY. ISSN: 0011-183X.  
DT Article  
LA English  
ED Entered STN: 28 Mar 2007  
Last Updated on STN: 28 Mar 2007

L2 ANSWER 4 OF 13 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN  
AN 2007:42211 BIOSIS  
DN PREV200700042439  
TI Quantification of genetically modified canola GT73 using TaqMan real-time PCR.  
AU Kim, Jae-Hwan; Song, Hee-Sung; Kim, Dong-Hern; Kim, Hae-Yeong [Reprint Author]  
CS Kyung Hee Univ, Inst Life Sci and Resources, Suwon 449701, South Korea  
hykim@khu.ac.kr  
SO Journal of Microbiology and Biotechnology, (NOV 2006) Vol. 16, No. 11, pp. 1778-1783. <http://jmb.or.kr>.  
ISSN: 1017-7825. E-ISSN: 1738-8872.  
DT Article  
LA English  
ED Entered STN: 3 Jan 2007  
Last Updated on STN: 3 Jan 2007

L2 ANSWER 5 OF 13 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN  
AN 2002:404697 BIOSIS  
DN PREV200200404697  
TI Genetic regulation of elevated stearic acid concentration in soybean oil.  
AU Pantalone, V. R. [Reprint author]; Wilson, R. F.; Novitzky, W. P.; Burton, J. W.  
CS Department of Plant Sciences and Landscape Systems, University of Tennessee, Knoxville, TN, 37901-1071, USA  
vpantalo@utk.edu  
SO Journal of the American Oil Chemists' Society, (June, 2002) Vol. 79, No. 6, pp. 549-553. print.  
CODEN: JAOCAT. ISSN: 0003-021X.  
DT Article  
LA English  
ED Entered STN: 24 Jul 2002  
Last Updated on STN: 29 Aug 2002

L2 ANSWER 6 OF 13 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN  
AN 2002:329453 BIOSIS  
DN PREV200200329453  
TI Ribozyme termination of RNA transcripts down-regulate seed fatty acid genes in transgenic soybean.  
AU Buhr, Tony; Sato, Shirley; Ebrahim, Farida; Xing, Aiqiu; Zhou, You; Mathiesen, Michelle; Schweiger, Bruce; Kinney, Anthony; Staswick, Paul; Clemente, Tom [Reprint author]  
CS Department of Agronomy, University of Nebraska-Lincoln, Lincoln, NE, USA  
tclemente1@unl.edu  
SO Plant Journal, (April, 2002) Vol. 30, No. 2, pp. 155-163. print.  
ISSN: 0960-7412.  
DT Article  
LA English  
ED Entered STN: 12 Jun 2002  
Last Updated on STN: 12 Jun 2002

L2 ANSWER 7 OF 13 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN  
AN 2002:45485 BIOSIS  
DN PREV200200045485  
TI Nucleotide sequences of soybean acyl-ACP-thioesterase genes.  
AU Hitz, W. D. [Inventor]; Yadav, N. S. [Inventor]  
CS Wilmington, Del., USA  
ASSIGNEE: E. I. DU PONT DE NEMOURS AND COMPANY  
PI US 5530186 19960625  
SO Official Gazette of the United States Patent and Trademark Office Patents, (June 25, 1996) Vol. 1187, No. 4, pp. 2900. print.

CODEN: OGUPE7. ISSN: 0098-1133.

DT Patent

LA English

ED Entered STN: 2 Jan 2002

Last Updated on STN: 25 Feb 2002

L2 ANSWER 8 OF 13 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN  
AN 2001:266987 BIOSIS  
DN PREV200100266987

TI Metabolic mechanisms associated with alleles governing the 16:0 concentration of soybean oil.

AU Wilson, R. F. [Reprint author]; Marquardt, T. C.; Novitzky, W. P.; Burton, J. W.; Wilcox, J. R.; Kinney, A. J.; Dewey, R. E.

CS North Carolina State University, 100 Dericieux St., 4114 Williams Hall, Raleigh, NC, 27695-7620, USA  
rwilson@cropserve1.cropsci.ncsu.edu

SO Journal of the American Oil Chemists' Society, (April, 2001) Vol. 78, No. 4, pp. 335-340. print.

CODEN: JAOCA7. ISSN: 0003-021X.

DT Article

LA English

ED Entered STN: 6 Jun 2001

Last Updated on STN: 19 Feb 2002

L2 ANSWER 9 OF 13 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN  
AN 2000:2593 BIOSIS  
DN PREV2000000002593

TI Nucleotide sequences of canola and soybean palmitoyl-ACP thioesterase genes and their use in the regulation of fatty acid content of the oils of soybean and canola plants.

AU Hitz, William Dean [Inventor, Reprint author]

CS Pediatrics, Alfred I. duPont Hospital for Children, Wilmington, DE, USA  
ASSIGNEE: E. I. du Pont de Nemours and Company

PI US 5955650 19990921

SO Official Gazette of the United States Patent and Trademark Office Patents, (Sep. 21, 1999) Vol. 1226, No. 3. print.

CODEN: OGUPE7. ISSN: 0098-1133.

DT Patent

LA English

ED Entered STN: 23 Dec 1999

Last Updated on STN: 31 Dec 2001

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AN 2008:2797 AGRICOLA  
DN IND43984404

TI Effect of Temperature on Delta-9 Stearoyl-ACP and Microsomal Omega-6 Desaturase Gene Expression and Fatty Acid Content in Developing Soybean Seeds.

AU Byfield, G.E.; Upchurch, R.G.

AV DNAL (64.8 C883)

SO Crop science, 2007 July-Aug Vol. 47, no. 4 p. 1698-1704  
ISSN: 0011-183X

NTE Includes references

DT Article; (ELECTRONIC RESOURCE)

FS Other US

LA English

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AN 2007:110970 AGRICOLA  
DN IND43961940  
TI Laser capture microdissection (LCM) and comparative microarray expression analysis of syncytial cells isolated from incompatible and compatible soybean (*Glycine max*) roots infected by the soybean cyst nematode (*Heterodera glycines*)  
AU Klink, Vincent P.; Overall, Christopher C.; Alkharouf, Nadim W.; MacDonald, Margaret H.; Matthews, Benjamin F.  
AV DNAL (450 P693)  
SO *Planta*, 2007 Nov. Vol. 226, no. 6 p. 1389-1409  
Publisher: Berlin/Heidelberg : Springer-Verlag  
ISSN: 0032-0935  
NTE Includes references  
DT Article; (ELECTRONIC RESOURCE)  
FS Non-US  
LA English

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(2008) on STN  
AN 2007:30462 AGRICOLA  
DN IND43883783  
TI Molecular Analysis of Soybean Lines with Low Palmitic Acid Content in the Seed Oil.  
AU Cardinal, A.J.; Burton, J.W.; Camacho-Roger, A.M.; Yang, J.H.; Wilson, R.F.; Dewey, R.E.  
AV DNAL (64.8 C883)  
SO *Crop science*, 2007 Jan-Feb Vol. 47, no. 1 p. 304-310  
ISSN: 0011-183X  
NTE Includes references  
DT Article; (ELECTRONIC RESOURCE)  
FS Other US  
LA English

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(2008) on STN  
AN 2003:27575 AGRICOLA  
DN IND23289132  
TI Ribozyme termination of RNA transcripts down-regulate seed fatty acid genes in transgenic soybean.  
AU Buhr, T.; Sato, S.; Ebrahim, F.; Xing, A.; Zhou, Y.; Mathiesen, M.; Schweiger, B.; Kinney, A.; Staswick, P.; Clemente, T.  
SO *The Plant journal : for cell and molecular biology*, Apr 2002. Vol. 30, No. 2. p. 155-163  
Publisher: Oxford : Blackwell Sciences Ltd.  
ISSN: 0960-7412  
NTE Includes references  
CY England; United Kingdom  
DT Article  
FS Non-U.S. Imprint other than FAO  
LA English

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